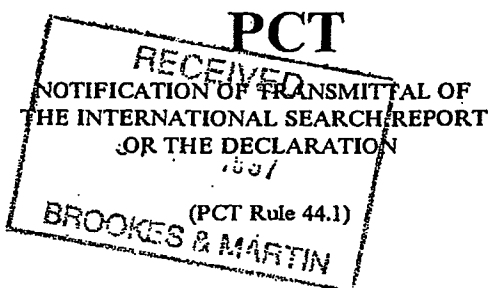


1997 29/04/1997  
**INTERNET COOPERATION TREATY**

(2)

From the INTERNATIONAL SEARCHING AUTHORITY

To:  
 BROOKES & MARTIN  
 Attn. WOODCRAFT, David C.  
 High Holborn House  
 52/54 High Holborn  
 London WC1V 6SE  
 UNITED KINGDOM



Date of mailing  
 (day/month/year) 29/04/1997

Applicant's or agent's file reference

DCW

FOR FURTHER ACTION See paragraphs 1 and 4 below

International application No.

PCT/GB 96/02802

International filing date

(day/month/year) 14/11/1996

Applicant

KCI MEDICAL LIMITED et al.

1. ☒ The applicant is hereby notified that the International Search Report has been established and is transmitted herewith.

Filing of amendments and statement under Article 19:

The applicant is entitled, if he so wishes, to amend the claims of the International Application (see Rule 46):

When? The time limit for filing such amendments is normally 2 months from the date of transmittal of the International Search Report; however, for more details, see the notes on the accompanying sheet.

Where? Directly to the International Bureau of WIPO  
 34, chemin des Colombettes  
 1211 Geneva 20, Switzerland  
 Facsimile No.: (41-22) 740.14.35

For more detailed instructions, see the notes on the accompanying sheet.

2. ☐ The applicant is hereby notified that no International Search Report will be established and that the declaration under Article 17(2)(a) to that effect is transmitted herewith.

3. ☐ With regard to the protest against payment of (an) additional fee(s) under Rule 40.2, the applicant is notified that:

☐ the protest together with the decision thereon has been transmitted to the International Bureau together with the applicant's request to forward the texts of both the protest and the decision thereon to the designated Offices.

☐ no decision has been made yet on the protest; the applicant will be notified as soon as a decision is made.

4. Further action(s): The applicant is reminded of the following:

Shortly after 18 months from the priority date, the international application will be published by the International Bureau. If the applicant wishes to avoid or postpone publication, a notice of withdrawal of the international application, or of the priority claim, must reach the International Bureau as provided in Rules 90bis.1 and 90bis.3, respectively, before the completion of the technical preparations for international publication.

Within 19 months from the priority date, a demand for international preliminary examination must be filed if the applicant wishes to postpone the entry into the national phase until 30 months from the priority date (in some Offices even later).

Within 20 months from the priority date, the applicant must perform the prescribed acts for entry into the national phase before all designated Offices which have not been elected in the demand or in a later election within 19 months from the priority date or could not be elected because they are not bound by Chapter II.

Name and mailing address of the International Searching Authority



European Patent Office, P.B. 5818 Patentlaan 2  
 NL-2280 HV Rijswijk  
 Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
 Fax: (+31-70) 340-3016

Authorized officer

Sabine Dekoninck

# INTERNATIONAL SEARCH REPORT

National Application No  
F01/GB 96/02802

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 6 A61M27/00 A61M1/00

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 6 A61M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 134 994 A (SAY) 4 August 1992 see column 1, line 7 - line 9 see column 2, line 6 - column 4, line 2 see figures 1,4-8	1
Y	---	2
Y	WO 80 02182 A (MOSS) 16 October 1980 see page 4, line 23 - line 31 see figure 1	2
X	---	1
	US 4 710 165 A (MCNEIL ET AL.) 1 December 1987 see column 5, line 1 - line 56 --- -/-	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

\* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "&" document member of the same patent family

Date of the actual completion of the international search

17 April 1997

Date of mailing of the international search report

29.04.97

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patendaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Schönleben, J

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/GB 96/02802

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 5134994 A	04-08-92	NONE	
WO 8002182 A	16-10-80	US 4266545 A EP 0026226 A JP 56500360 T	12-05-81 08-04-81 26-03-81
US 4710165 A	01-12-87	NONE	
WO 9420041 A	15-09-94	AU 6360894 A EP 0688189 A	26-09-94 27-12-95
DE 29504378 U	14-09-95	NONE	
DE 4306478 A	08-09-94	WO 9420152 A EP 0692987 A	15-09-94 24-01-96
GB 2220357 A	10-01-90	EP 0358302 A	14-03-90
GB 2235877 A	20-03-91	NONE	
US 3066672 A	04-12-62	NONE	

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/GB 96/02802

## Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:
  
2. ☐ Claims Nos.:  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
  
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

## Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

SEE ANNEX

1. ☒ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
  
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
  
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
  
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☒ No protest accompanied the payment of additional search fees.

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/GB 96/02802

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 94 20041 A (WAKE FOREST UNIVERSITY) 15 September 1994 see page 12, line 8 - page 17, line 8 see page 18, line 2 - line 35 see figures 1,8	3-7
A	---	5
Y	DE 295 04 378 U (MTG) 14 September 1995 see the whole document	3,4
Y	DE 43 06 478 A (WAGNER) 8 September 1994 see column 2, line 8 - line 16 see column 4, line 66 - column 5, line 65 see figures 1-5	5-7
A	---	
A	GB 2 220 357 A (SMITHS INDUSTRIES) 10 January 1990 see page 7, line 1 - page 8, line 20 see figure 1	3
A	---	
A	GB 2 235 877 A (ANTONIO TALLURI) 20 March 1991 see page 4, line 12 - page 5, line 18 see figures 2-4	3
A	---	
A	US 3 066 672 A (CROSBY ET AL.) 4 December 1962 see column 1, line 67 - column 2, line 35 see figures 1,3	6
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## PATENT COOPERATION TRI

## PCT

2

## INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference DCW	<b>FOR FURTHER ACTION</b> see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.	
International application No. PCT/GB 96/ 02802	International filing date (day/month/year) 14/11/1996	(Earliest) Priority Date (day/month/year) 14/11/1995
Applicant KCI MEDICAL LIMITED et al.		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 4 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. ☐ Certain claims were found unsearchable (see Box I).
2. ☒ Unity of invention is lacking (see Box II).
3. ☐ The international application contains disclosure of a nucleotide and/or amino acid sequence listing and the international search was carried out on the basis of the sequence listing
  - ☐ filed with the international application.
  - ☐ furnished by the applicant separately from the international application,
    - ☐ but not accompanied by a statement to the effect that it did not include matter going beyond the disclosure in the international application as filed.
  - ☐ Transcribed by this Authority
4. With regard to the title,
  - ☒ the text is approved as submitted by the applicant.
  - ☐ the text has been established by this Authority to read as follows:
5. With regard to the abstract,
  - ☒ the text is approved as submitted by the applicant.
  - ☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this International Search Report, submit comments to this Authority.
6. The figure of the drawings to be published with the abstract is:  
Figure No. 3b
  - ☒ as suggested by the applicant.
  - ☐ because the applicant failed to suggest a figure.
  - ☐ because this figure better characterizes the invention.
  - ☐ None of the figures.

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/GB 96/ 02802

## Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

## Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

SEE ANNEX

1. ☒ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☒ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/210.

MULTIPLE INVENTIONS

Subject No. 1: Claims 1 and 2  
A portable therapeutic apparatus comprising a housing containing a suction pump and a canister (object: supporting the housing on a person).

Subject No. 2: Claims 3 and 4  
Therapeutic apparatus comprising a porous pad, a wound dressing, a drainage tube, a suction pump, a canister containing a filter and a pressure detecting means detecting pressure changes in the tube (object: indicating a full canister).

Subject No. 3: Claims 5 to 7  
Therapeutic apparatus comprising a porous pad, a wound dressing, a drainage tube, a suction pump, a canister, a filter interposed between the canister and the pump and a conduit connecting the porous pad to pressure detecting means (object: monitoring the pressure at the wound site).



## INTERNATIONAL SEARCH REPORT

National Application No

PCT/GB 96/02802

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 6 A61M27/00 A61M1/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 6 A61M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

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Y	WO 80 02182 A (MOSS) 16 October 1980 see page 4, line 23 - line 31 see figure 1	2
X	---	1
	US 4 710 165 A (MCNEIL ET AL.) 1 December 1987 see column 5, line 1 - line 56 ---	
	--- -/--	

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

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- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
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"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

17 April 1997

Date of mailing of the international search report

29.04.97

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+ 31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+ 31-70) 340-3016

Authorized officer

Schönleben, J

## INTERNATIONAL SEARCH REPORT

National Application No

PCT/GB 96/02802

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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A	---	5
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Y	DE 43 06 478 A (WAGNER) 8 September 1994 see column 2, line 8 - line 16 see column 4, line 66 - column 5, line 65 see figures 1-5	5-7
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A	GB 2 235 877 A (ANTONIO TALLURI) 20 March 1991 see page 4, line 12 - page 5, line 18 see figures 2-4	3
A	US 3 066 672 A (CROSBY ET AL.) 4 December 1962 see column 1, line 67 - column 2, line 35 see figures 1,3 -----	6

## INTERNATIONAL SEARCH REPORT

ion on patent family members

International Application No

f/GB 96/02802

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 5134994 A	04-08-92	NONE	
WO 8002182 A	16-10-80	US 4266545 A EP 0026226 A JP 56500360 T	12-05-81 08-04-81 26-03-81
US 4710165 A	01-12-87	NONE	
WO 9420041 A	15-09-94	AU 6360894 A EP 0688189 A	26-09-94 27-12-95
DE 29504378 U	14-09-95	NONE	
DE 4306478 A	08-09-94	WO 9420152 A EP 0692987 A	15-09-94 24-01-96
GB 2220357 A	10-01-90	EP 0358302 A	14-03-90
GB 2235877 A	20-03-91	NONE	
US 3066672 A	04-12-62	NONE	